

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6470 (1972): Politzerization Apparatus (Pritchard's pattern) [MHD 4: Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SPECIFICATION FOR
POLITZERIZATION APPARATUS (PRITCHARD'S PATTERN)

1. Scope — Specifies dimensional and performance requirements of Pritchard's politzerization apparatus used by ENT surgeons.

2. Shape and Dimensions — As shown in Fig. 1.

3. Materials

3.1 Bag — The rubber for bag shall conform to Type B Grade 1 of IS : 5192-1970 ' Specification for vulcanized rubber compounds '.

3.2 Nose Piece — Suitable plastics.

3.3 Valve — Brass.

4. Workmanship and Finish

4.1 The bag shall be finished smooth from outside. There shall be no cuts on the surface of the bag. The valve shall fit snugly into the bag. There shall be no leakage of air between the bag and the valve when tested as given in 5.1.

4.2 Nose piece shall be push fitted into the bag. The nozzle end of the nose piece shall have a luer taper. The surface of the nose piece shall be smooth.

5. Tests

5.1 Leakage Test — The bag shall be squeezed to remove air from it. After removing the air the nozzle end of the nose piece and the valve shall be sealed. The bag shall remain squeezed and shall not return to its usual inflated position.

5.2 Test for Valve — The nozzle end of the nose piece shall be suitably sealed. After sealing, the bag shall be compressed. No air shall be forced out of the bag.

5.3 Test for Catheter-Valve Fitting — A Eustachian catheter conforming to IS : 5338-1969 ' Specification for Eustachian catheter ' shall be fitted to the nose piece. By blocking the catheter tip and valve suitably, the test procedure given in 5.1 shall be repeated. The bag shall not get inflated through leakage of air between the catheter nose piece joint.

6. Marking — Each bag shall be so moulded as to carry the manufacturer's name, initials or recognized trade-mark.

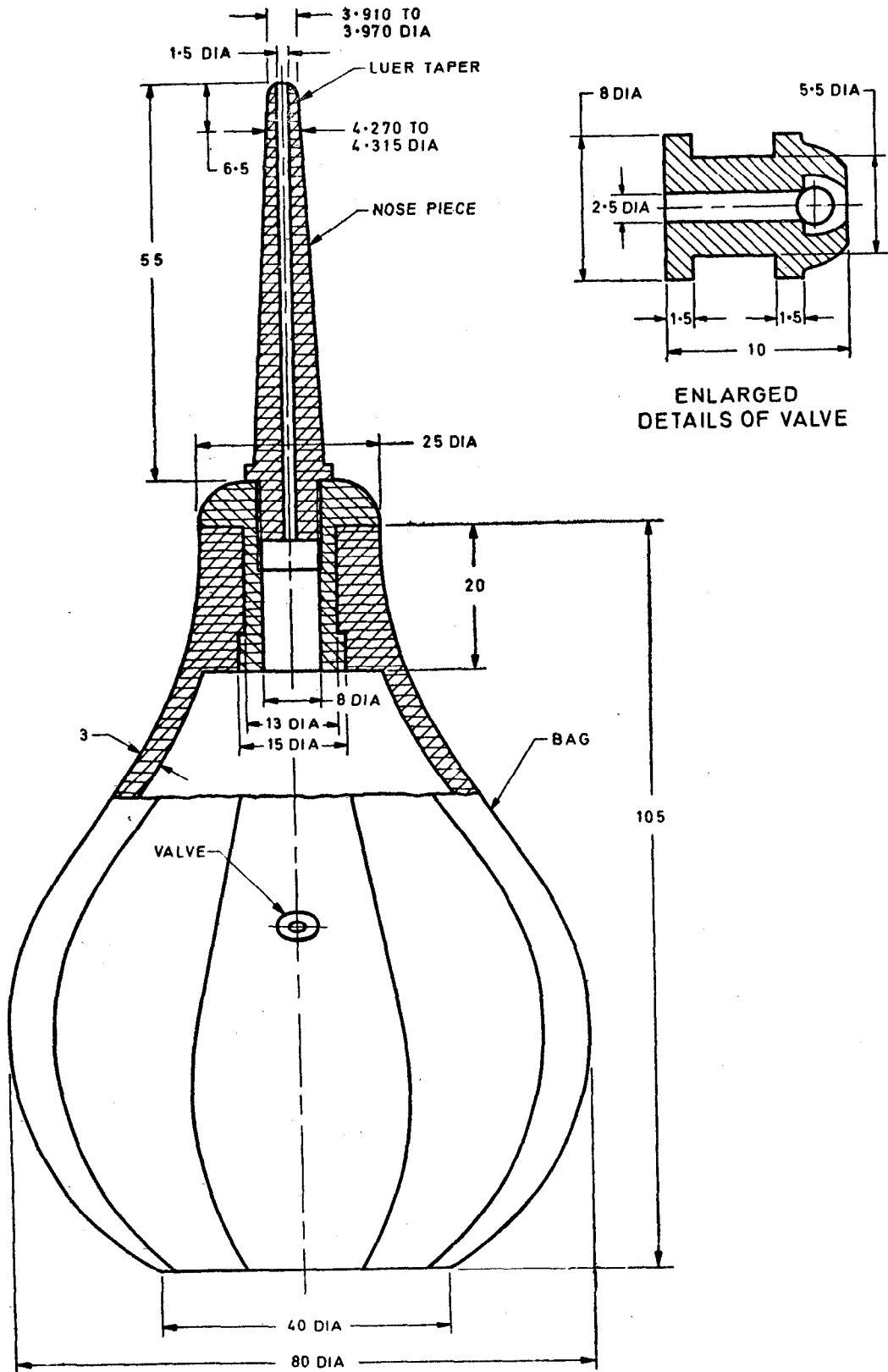
6.1 ISI Certification Marking — Details available from the Indian Standards Institution.

7. Packing — As agreed to between the purchaser and the supplier.

Adopted 24 February 1972

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Gr 1



All dimensions in millimetres.

FIG. 1 POLITZERIZATION BAG WITH MOUNTING (PRITCHARD'S PATTERN)